

ENGINE COOLANT

4. Check drained engine coolant for contaminants such as rust, corrosion or discoloration.
If contaminated, flush the engine cooling system. Refer to [CO-11. "FLUSHING COOLING SYSTEM"](#).


REFILLING ENGINE COOLANT

1. Install reservoir tank, and radiator drain plug.

CAUTION:

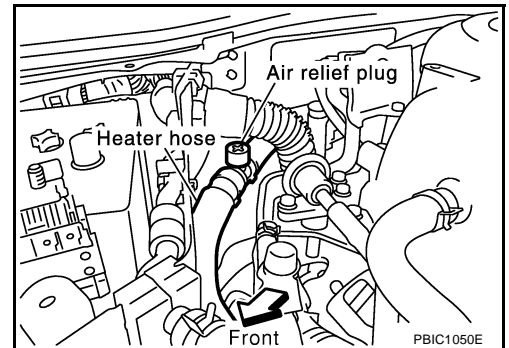
Be sure to clean drain plug and install with new O-ring.

Radiator drain plug:

: 0.78 - 1.6 N·m (0.08 - 0.16 kg·m, 7 - 14 in·lb)

If water drain plugs on cylinder block are removed, close and tighten them. Refer to [EM-117. "ASSEMBLY"](#).

2. Make sure that each hose clamp has been firmly tightened.
3. Remove air relief plug on heater hose.



4. Fill radiator and reservoir tank to specified level.
 - Pour engine coolant through engine coolant filler neck slowly of less than 2 ℓ (2-1/8 US qt, 1-3/4 Imp qt) a minute to allow air in system to escape.
 - Use Genuine Nissan Long Life Antifreeze/Coolant or equivalent mixed with water (distilled or demineralized). Refer to [MA-12. "RECOMMENDED FLUIDS AND LUBRICANTS"](#).

Engine coolant capacity
(with reservoir tank at "MAX" level)


: Approx. 8.7 ℓ (9-1/4 US qt, 7-5/8 Imp qt)

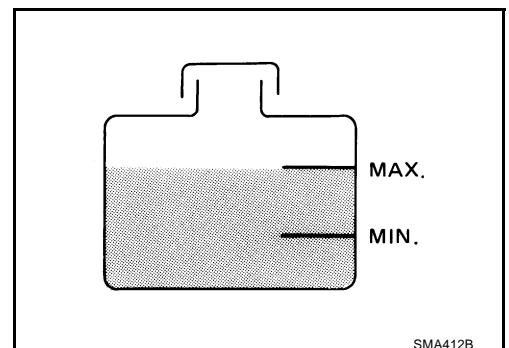
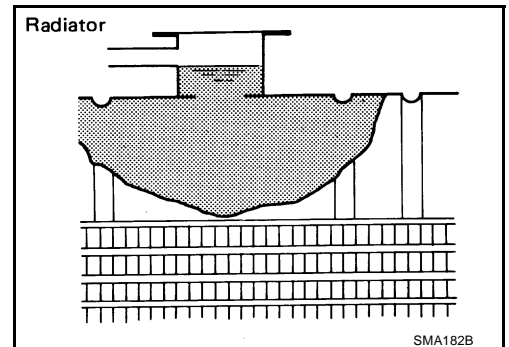
Reservoir tank capacity (at "MAX" level)

: 0.8 ℓ (7/8 US qt, 3/4 Imp qt)

- When engine coolant overflows air relief hole on heater hose, install air relief plug with new O-ring.

Air relief plug:

: 0.78 - 1.6 N·m (0.08 - 0.16 kg·m, 7 - 14 in·lb)



5. Install radiator cap.
6. Warm up until opening thermostat. Standard for warming-up time is approximately 10 minutes at 3,000 rpm.
 - Make sure thermostat opening condition by touching radiator hose (lower) to see a flow of warm water.
7. Stop engine and cool down to less than approximately 50°C (122°F).
 - Cool down using fan to reduce the time.

CAUTION:

Watch water temperature gauge so as not to overheat engine.